

MAIN INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 2/25/2014, 2/26/2014, 2/27/2014	Man Days: 3
Inspection Unit: Belleville/E. St. Louis	
Location of Audit: Belleville	
Exit Meeting Contact:	
Inspection Type: Design Testing and Construction	
Pipeline Safety Representative(s): Valerie Schwing	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

CONSTRUCTION INFORMATION		
Location of Construction: Trenton Wescline School	Construction Performed By: Infrasource	
Contractor Foreman:	Luke Wohers	
Operator Inspector:	Kent Berry	
Person(s) On Job Site		
Brad Molder	Tyler Wohlers	Heath Hamilton
Brad Varwig		
Description of Construction: Staff observed contractors perform a four inch bottom out with shims weld using welding procedures F01 and 001 from the operator's operations and maintenance manual.		

MAIN INSTALLATION		Status
[192.55]	Steel	Yes
[192.59]	PE	No
[192.59]	Other	No
[192.5]	Class location :	Class 3
[192.619,192.621,192.623]	MAOP	400 PSI
[192.63]	Pipe Size :	3 inch
[192.55,192.59]	Specification :	API 5 L

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[192.55,192.59]	Manufacturer :	Steel Womlber Houston TX
[192.55,192.59]	Pipe Grade :	X42/X52
[192.55,192.59]	Wall Thickness :	0.218, 0.145 inches
[192.63(a)(2)]	Are pipe, valves, and fittings properly marked for identification?	Satisfactory
[192.227]	Date of Welder qualification:	2/3/14
[192.227]	Welder's Name:	Brad Molder
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	Satisfactory
<u>General Comment:</u>		
Staff reviewed the contractors/operators welding procedures F01 and 001 from the operator's operations and maintenance manual.		
[192.285]	Date of Plastic Joining Qualification :	Not Applicable
<u>General Comment:</u>		
Contractor's only welded steel pipe.		
[192.285]	Joiner's name:	Not Applicable
<u>General Comment:</u>		
Contractor's only welded steel pipe.		
[192.455]	Is buried metallic pipe coated?	Satisfactory
[192.461]	Does coating meet 192.461?	Satisfactory
[192.455(a)(1)]	Is cathodic protection being provided?	Satisfactory
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	No
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	Yes
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	Satisfactory
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	Satisfactory
[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	Not Applicable
<u>General Comment:</u>		
Contractor's only preformed a 4 inch bottom out with shims weld.		
[192.303]	Are comprehensive written construction specifications available and adhered to?	Satisfactory
<u>General Comment:</u>		
Staff reviewed specs for GTSE 000910 Station 195		
[192.305]	Are inspections performed by the operator to check adherence	Satisfactory

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	to the construction specifications?	
[192.307]	Is material being visually inspected at the site of installation to ensure against damage that could impair its serviceability?	Satisfactory
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	Satisfactory
<u>General Comment:</u> <i>Staff observed supports to prevent damage to the pipe and the coating.</i>		
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	Not Applicable
<u>General Comment:</u> <i>Staff did not observe plastic pipe being installed.</i>		
[192.321(e)]	Does plastic pipe have means of locating while underground?	Satisfactory
<u>General Comment:</u> <i>Staff observed already installed pipe that had two tracer wires.</i>		
[192.325]	Are required clearances from underground structures being maintained?	Satisfactory
<u>General Comment:</u> <i>Twelve inches of clearance was maintained from underground structures.</i>		
[192.327]	Is required cover being obtained appropriate to type of pipeline and location?	Satisfactory
<u>General Comment:</u> <i>Thirty inches of cover was maintained as per operator's operations and maintenance manual.</i>		
[192.503]	Are general testing requirements being met?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed leak test records performed on 2/24/14 that began at 1:59 PM and was completed at 2:22 PM. The test was held for 23 mins and held at 23 PSI. The gauge number used for the test was 2B-011.</i>		
[192.517]	Are records being made of strength and leak tests?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed leak test records performed on 2/24/14 that began at 1:59 PM and was completed at 2:22 PM. The test was held for 23 mins and held at 23 PSI. The gauge number used for the test was 2B-011.</i>		
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed welder's qualifications.</i>		
[192.805(c)]	Were non-qualified personnel being "directed and observed" by a qualified individual?	Not Applicable

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<u>General Comment:</u> <i>All workers were qualified to do the tasks.</i>		
[192.805(c)]	Were span of control limitations being followed?	Not Applicable
<u>General Comment:</u> <i>All workers were qualified to do the tasks.</i>		
Was a Protocol 9 (Form 15) Completed?		No
[192.614]	Were One Call Notifications performed as required?	Satisfactory
<u>General Comment:</u> <i>The notifications were cleared on 12/17/14. Dig Start : 02/19/14 11:45:00 Expires : 03/11/14 23:59:00</i>		
[192.614]	Dig Ticket #	X0430900, X0430901

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